

---

# Logistics and Schedule\*



**John Barnard**

**Lawrence Livermore National Laboratory**

**Warm Dense Matter School**

**10-16 January, 2008**

**Berkeley, California, USA**

\*This work was performed under the auspices of the U.S. Department of Energy by LLNL under contract DE-AC52-07NA27344, the University of California, LBNL under Contract Number DE-AC02-05CH1123.

**The Heavy Ion Fusion Virtual National Laboratory**



	Thursday January 10, 2008	Friday January 11, 2008	Monday January 14, 2008	Tuesday January 15, 2008	Wednesday January 16, 2008	
	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	
8:00 - 9:00 AM	Registration	Registration	Registration	Registration	Registration	8:00 - 9:00 AM
9:00 - 9:45 AM	Introductory remarks: G. Logan, R. Davidson, J. Barnard	WDM Theory: R. More	WDM Theory: R. More	WDM Theory: R. More	WDM Theory: R. More	9:00 - 9:45 AM
9:45 - 10:30 AM	WDM Theory: R. More	Laser Experiments II: H. Yoneda	Laser Experiments III: H. Yoneda	Particle beam physics for WDM: J. Wurtele	Laser Applications: S. Mao	9:45 - 10:30 AM
10:30 - 11:00 AM	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	10:30 - 11:00 AM
11:0 - 11:45 AM	Laser Experiments I: H. Yoneda	QMD EOS and Pulse Power Applications: M. Desjarlais	WDM Experiments on FELs: R. Lee	GS1 Experiments: D. Hoffmann	Laser matter interactions confined in high aspect ratio holes: A. Forsman	11:0 - 11:45 AM
11:45 - 12:30 PM	Fundamentals of negative ions: I. Kaganovich	Sandia Experiments: T. Renk	Mercury EOS: H. Kitamura	GS1 theory: N. Tahir	WDM in IFE Chambers: C. Debonnel/P. Peterson	11:45 - 12:30 PM
12:30 - 2:00 PM	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	12:30 - 2:00 PM
2:00 - 2:45 PM	X-Ray Diagnostics: S. Glenzer	Ultrafast heating experiments and diagnostics: R. Falcone	Exploding wires in water: A. Grinenko	Ion Beam Heating and Diagnostics I: F. Bieniosek	Future of Computational WDM: P. Colella	2:00 - 2:45 PM
2:45 - 3:30 PM	Hydro motion in WDM: J. Barnard	WDM theory: S. Libby	LANL WDM Expts: Lasers and Wires: J. Benage	Ion Beam Heating and Diagnostics II: P. Ni	Working discussions (coffee served)	2:45 - 3:15 PM
3:30 - 4:00 PM	Working discussions (coffee served)	Poster session (coffee served): 4:00 - 6:15 PM LBNL Cafeteria	Working discussions (coffee served)	Working discussions (coffee served)	Perspectives: H. Yoneda	3:15 - 3:45 PM
4:00 - 4:45 PM	LLNL short pulse laser experiments: A. Ng		Electrically driven WDM experiments: P. Renaudin	Ion stopping in WDM: J. Hasegawa	Perspectives: J. Wurtele	3:45 - 4:15 PM
4:45 - 5:30 PM			Strongly coupled plasmas: M. Murrilo	Collective effects in dE/dX: N. Fisch	Concluding remarks/final discussions: G. Logan and the group	4:15 - 5:00 PM
				Banquet 6:00 pm - 8:00 pm LBNL Cafeteria Dinner speaker: A. Sessler		

The program committee (Richard More, Jonathan Wurtele, Hitoki Yoneda, Haeja Lee, Igor Kaganovich, Frank Bieniosek, Alex Friedman, Dick Lee, Grant Logan, John Barnard) has created a diverse agenda

# Themes...

	Thursday January 10, 2008	Friday January 11, 2008	Monday January 14, 2008	Tuesday January 15, 2008	Wednesday January 16, 2008	
	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	
8:00 - 9:00 AM	Registration	Registration	Registration	Registration	Registration	8:00 - 9:00 AM
9:00 - 9:45 AM	Introductory remarks: Logan, R. Davidson, J. Barnard	WDM Theory: More	WDM Theory: More	WDM Theory: More	WDM Theory: More	9:00 - 9:45 AM
9:45 - 10:30 AM	WDM Theory: More	Laser Experiments II: Yoneda	Laser Experiments III: Yoneda	Particle beam physics for WDM: J. Wurtele	Laser Applications: Mao	9:45 - 10:30 AM
10:30 - 11:00 AM	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	Working discussions (coffee served)	10:30 - 11:00 AM
11:0 - 11:45 AM	Laser Experiments I: Yoneda	QMD EOS and Pulse Power Applications: Desjarlais	WDM Experiments on FELs: R. Lee	GS1 Experiments: D. Hoffmann	Laser matter interactions confined in high aspect ratio holes: A. Forsman	11:0 - 11:45 AM
11:45 - 12:30 PM	Fundamentals of negative ions: Kaganovich	Sandia Experiments: Renk	Mercury EOS: Kitamura	GS1 theory: N. Tahir	WDM in IFE Chambers: C. Debonnel/P. Peterson	11:45 - 12:30 PM
12:30 - 2:00 PM	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	12:30 - 2:00 PM
2:00 - 2:45 PM	X-Ray Diagnostics: Glenzer	Ultrafast heating experiments and diagnostics: R. Falcone	Exploding wires in water: A. Grinenko	Ion Beam Heating and Diagnostics I: Blenlosek	Future of Computational WDM: Colella	2:00 - 2:45 PM
2:45 - 3:30 PM	Hydro motion in WDM: Barnard	WDM theory: Libby	LANL WDM Expts: Lasers and Wires: J. Benage	Ion Beam Heating and Diagnostics II: P. Ni	Working discussions (coffee served)	2:45 - 3:15 PM
3:30 - 4:00 PM	Working discussions (coffee served)		Working discussions (coffee served)	Working discussions (coffee served)	Perspectives: H. Yoneda	3:15 - 3:45 PM
4:00 - 4:45 PM	LLNL short pulse laser experiments: Ng	Poster session (coffee served): 4:00 - 6:15 PM LBNL Cafeteria	Electrically driven WDM experiments: P. Renaudin	Ion stopping in WDM: J. Hasegawa	Perspectives: J. Wurtele	3:45 - 4:15 PM
4:45 - 5:30 PM			Strongly coupled plasmas: M. Muriilo	Collective effects in dE/dx: N. Fisch	Concluding remarks/final discussions: Logan and the group	4:15 - 5:00 PM
				Banquet 6:00 pm - 8:00 pm LBNL Cafeteria Dinner speaker: A. Sessler		

WDM theory	FEL driver	WDM applications
Laser drivers	Particle beam driver	Future
Electrical current driver	Ion stopping	

## Session chairs:

	Thursday January 10, 2008	Friday January 11, 2008	Monday January 14, 2008	Tuesday January 15, 2008	Wednesday January 16, 2008	
	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	BLDG 50 LBNL	
8:00 - 9:00 AM	Registration	Registration	Registration	Registration	Registration	8:00 - 9:00 AM
9:00 - 9:45 AM	Chairman: J. S. Wurtele	Chairman: I. Kaganovich	Chairman: F. Bieniosek	Chairman: R. Lee	Chairman: B.G. Logan	9:00 - 9:45 AM
9:45 - 10:30 AM						9:45 - 10:30 AM
10:30 - 11:00 AM						10:30 - 11:00 AM
11:0 - 11:45 AM						11:0 - 11:45 AM
11:45 - 12:30 PM						11:45 - 12:30 PM
12:30 - 2:00 PM	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	Working Lunch in B-50 (Meals provided)	12:30 - 2:00 PM
2:00 - 2:45 PM	Chairman: Hae Ja Lee	Chairman: A. Friedman	Chairman: H. Yoneda	Chairman: D. Hoffmann	Chairman: J. J. Barnard	2:00 - 2:45 PM
2:45 - 3:30 PM						2:45 - 3:15 PM
3:30 - 4:00 PM						3:15 - 3:45 PM
4:00 - 4:45 PM						3:45 - 4:15 PM
4:45 - 5:30 PM						4:15 - 5:00 PM
		Poster session (coffee served): 4:00 - 6:15 PM LBNL Cafeteria				
				Banquet 6:00 pm - 8:00 pm LBNL Cafeteria		



**8:15,  
8:30 am**

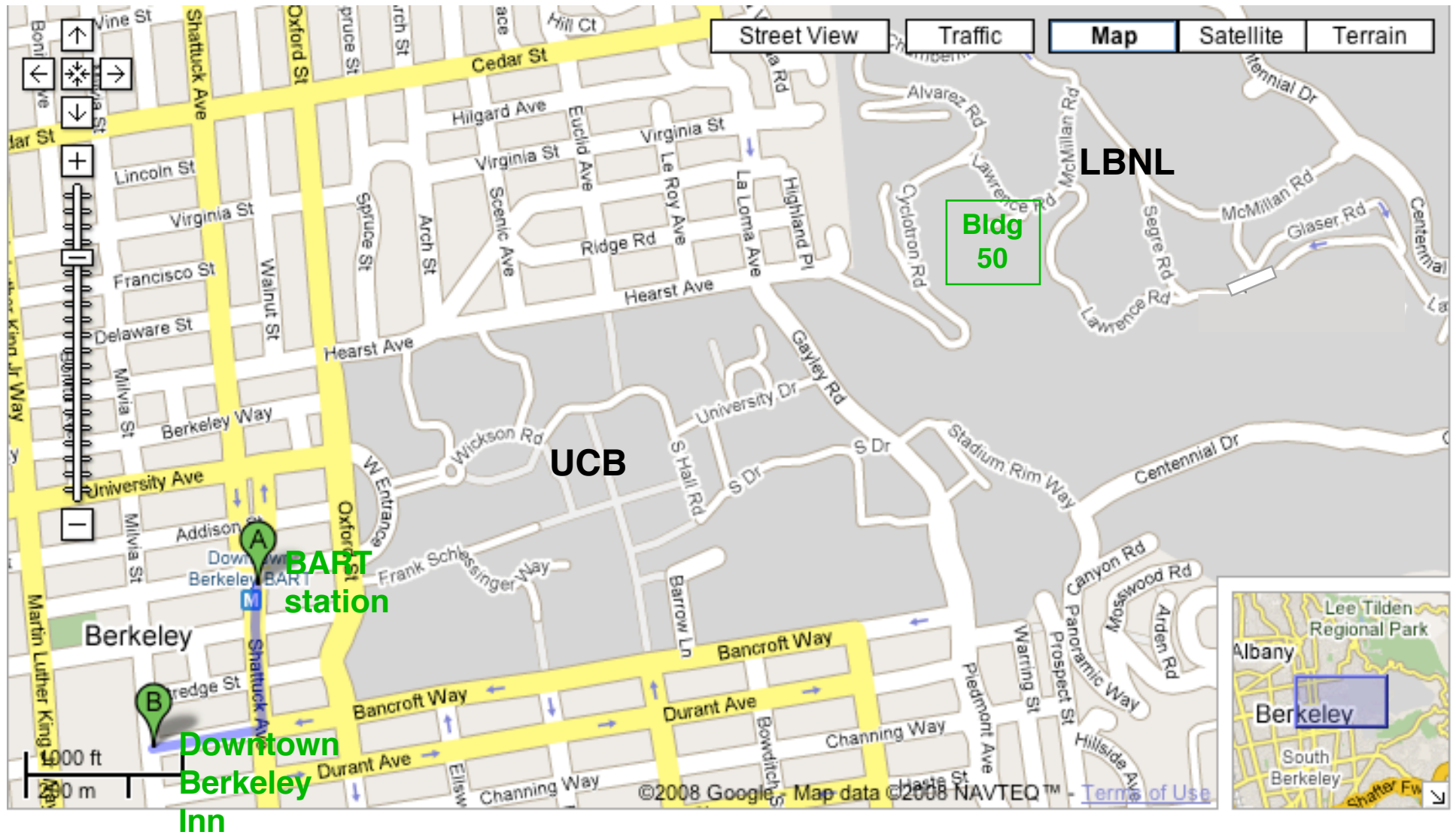
## Box lunches provided in foyer to Bldg 50



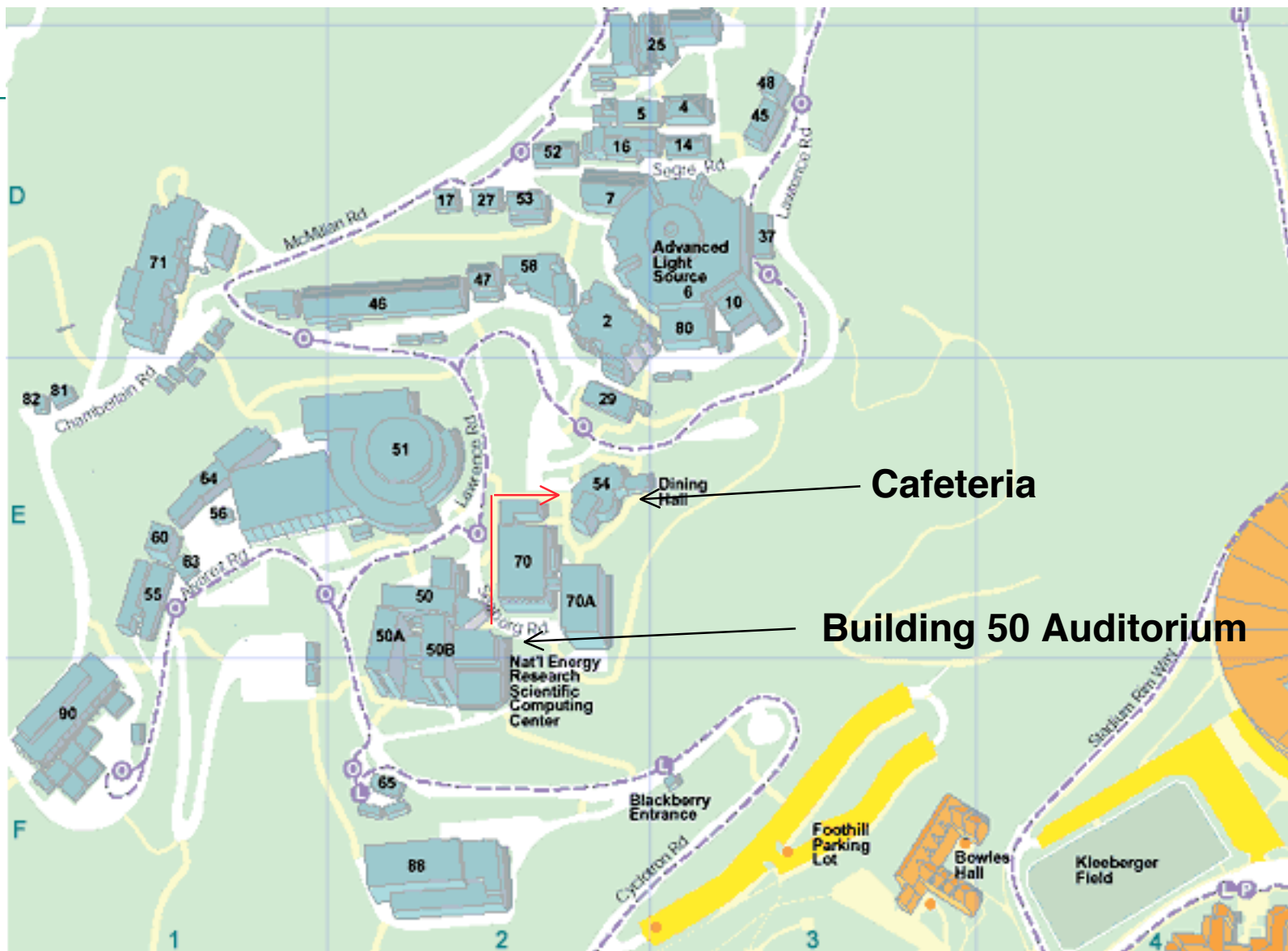
5, 5:15 pm  
Bldg 50

## Poster session and banquet in cafeteria

# Local map









## Off-Site Shuttle Service Orange Route



See link for more info:

<http://www.lbl.gov/Workplace/Facilities/Support/Busses/off-site.html>



## Off-Site Shuttle Service Blue Route



If you miss the  
WDM school busses  
you can catch an  
offsite LBNL lab shuttle  
during certain hours





# Other useful info

---

## Website for presentations

<http://hifweb.lbl.gov/wdmschool/talks>

user name: wdm

password: wdmtalks2008

## Airport Transportation

<http://www.lbl.gov/Workplace/Transportation.html>

## Area Restaurants

<http://www-rnc.lbl.gov/Restaurants/Restaurants.html>

## Problems or questions?

## Wes Tabler, WDM school coordinator

510-486-6710

## John Barnard, Co-chair

510-486-6124